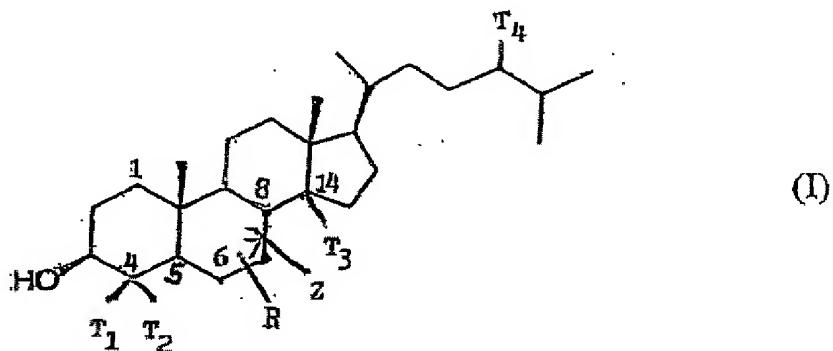


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A sterol-based compound, ~~characterized in that it corresponds corresponding~~ to formula (I)



in which formula:

the carbon in position 4 of the cholesterol skeleton bears moieties T<sub>1</sub> and T<sub>2</sub>, which are, independently, H or CH<sub>3</sub> with CH<sub>3</sub> in the  $\alpha$  and/or  $\beta$  position;

the carbon in position 24 bears a moiety T<sub>4</sub> which represents H, CH<sub>3</sub> or C<sub>2</sub>H<sub>5</sub>;

the carbon in position 14 bears a moiety T<sub>3</sub>, which is H or a  $\beta$  CH<sub>3</sub>, ~~one of the bond between carbons 5 and 6 and the~~

bond between carbons 7 and 8 is a single or a double bond,  
~~whereas the other is a single bond;~~

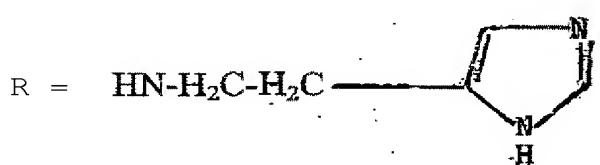
Z represents, in position 5 or 8, either H or OH, H  
or OH being able to be borne only by a carbon that does not  
bear a double bond; and

R represents in position 6 or 7, on a carbon not  
bearing a double bond,

said compound selected from the group consisting of:  
a compound corresponding to formula (I) in which the  
bond between carbons C<sub>7</sub> and C<sub>8</sub> is a double bond, R = NH-(CH<sub>2</sub>)<sub>3</sub>-  
NH-(CH<sub>2</sub>)<sub>4</sub>-NH<sub>2</sub> and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H,

~~a compound corresponding to formula (I) in which the  
bond between carbons C<sub>7</sub> and C<sub>8</sub> is a double bond, R = NH-(CH<sub>2</sub>)<sub>3</sub>-  
NH-(CH<sub>2</sub>)<sub>4</sub>-NH<sub>2</sub> and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H,~~

a compound corresponding to formula (I) in which the  
bond between carbons C<sub>7</sub> and C<sub>8</sub> is a double bond, T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> =  
H and

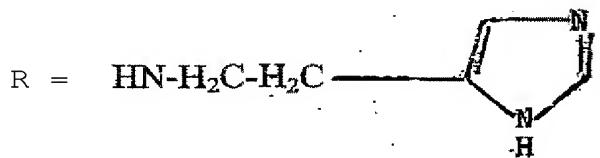


a compound corresponding to formula (I) in which the bond between carbons C<sub>7</sub> and C<sub>8</sub> is a double bond, T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H and R = -NH-(CH<sub>2</sub>)<sub>4</sub>-NH<sub>2</sub>,

a compound corresponding to formula (I) in which the bond C<sub>7</sub>-C<sub>8</sub> is a double bond, T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H and R = -NH-(CH<sub>2</sub>)<sub>2</sub>-O-(CH<sub>2</sub>)<sub>2</sub>-O-(CH<sub>2</sub>)<sub>2</sub>-NH<sub>2</sub>,

a compound corresponding to formula (I) in which the two bonds C<sub>5</sub>-C<sub>6</sub> and bond C<sub>7</sub>-C<sub>8</sub> are is a single bonds bond, Z represents OH in position 5 and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H, R being in position 6, and R = -NH-(CH<sub>2</sub>)<sub>3</sub>-NH-(CH<sub>2</sub>)<sub>4</sub>-NH-(CH<sub>2</sub>)<sub>3</sub>-NH<sub>2</sub>,

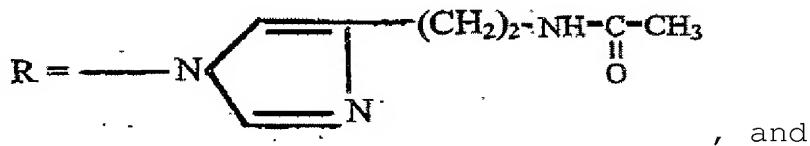
a compound corresponding to formula (I) in which the two bonds C<sub>5</sub>-C<sub>6</sub> and bond C<sub>7</sub>-C<sub>8</sub> are is a single bonds bond, Z represents OH in position 5 and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H, R being in position 6, and



a compound corresponding to formula (I) in which the two bonds C<sub>5</sub>-C<sub>6</sub> and bond C<sub>7</sub>-C<sub>8</sub> are is a single bonds bond, Z represents OH in position 5 and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H, R being in position 6 and having the meaning



a compound corresponding to formula (I) in which the ~~two bonds C<sub>5</sub>-C<sub>6</sub> and bond C<sub>7</sub>-C<sub>8</sub> are is a single bonds bond~~, Z represents OH in position 5 and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H, R being in position 6 and having the meaning

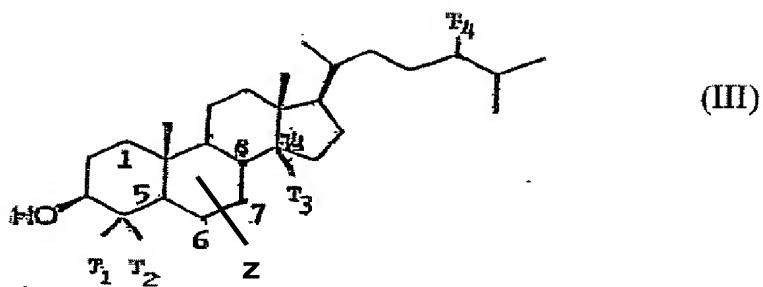


a compound corresponding to formula (I) in which the ~~two bonds C<sub>5</sub>-C<sub>6</sub> and bond C<sub>7</sub>-C<sub>8</sub> are is a single bonds bond~~, Z represents OH in position 5 and T<sub>1</sub> = T<sub>2</sub> = T<sub>3</sub> = H, R being in position 6 and being: NH-(CH<sub>2</sub>)<sub>3</sub>-NH-(CH<sub>2</sub>)<sub>4</sub>-NH<sub>2</sub>.

2-11. (cancelled)

12. (currently amended) A process for preparing a compound as claimed in claim 1, comprising:

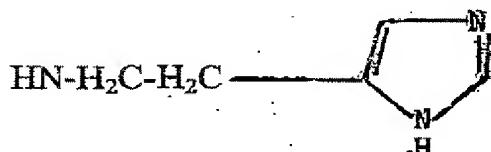
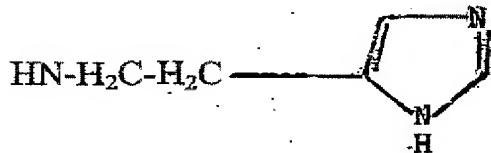
in a first step, reacting meta-chloroperoxybenzoic acid, dissolved in a solvent, with a compound corresponding to formula (III)

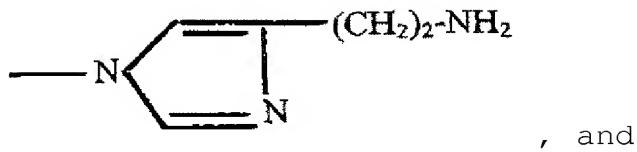


in which formula the carbon in position 4 of the cholesterol skeleton bears moieties T<sub>1</sub> and T<sub>2</sub> which is,

independently, H or CH<sub>3</sub> with CH<sub>3</sub> in the  $\alpha$  and/or  $\beta$  position, the carbon in position 24 bears a moiety T<sub>4</sub> that represents H, CH<sub>3</sub> or C<sub>2</sub>H<sub>5</sub>, the carbon in position 14 bears a moiety T<sub>3</sub>, which is H or a  $\beta$  CH<sub>3</sub>, ~~at least one of~~ the bond between carbons 5 and 6 and ~~the bond between carbons 7 and 8~~ is a double bond, Z represents, in position 5 or 8, either H or OH, OH being borne only by a carbon that does not been a double bond, and the compound of formula III being dissolved in a solvent B that is miscible with solvent A; and

in a second step, reacting the epoxy compound obtained in the first step, dissolved in a solvent C in the presence of an activator D, with an amine, dissolved in a solvent E that is miscible with the solvent C, the amine selected from the group consisting of:





13. (currently amended) The process as claimed in claim 12, ~~characterized in that~~ wherein the product obtained in the first step is purified before using it for the second step.

14. (currently amended) The process as claimed in claim 12, ~~characterized in that~~ wherein lithium perchlorate is used as activator D.

15. (currently amended) The process as claimed in claim 12, ~~characterized in that~~ wherein methylene chloride is used as solvent A.

16. (currently amended) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a double bond between carbons 7 and 8, ~~characterized in that~~ wherein a mixture of

methylene chloride and of aqueous  $\text{Na}_2\text{CO}_3$  solution is used as solvent B.

17. (currently amended) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a single bond between carbons 7 and 8, ~~characterized in that~~ wherein methylene chloride is used as solvent B.

18. (currently amended) The process as claimed in claim 16, ~~characterized in that~~ wherein anhydrous ethanol or pyridine is used as solvent C, the reaction of the second step being performed at reflux, at atmospheric pressure.

19. (currently amended) A medicament, ~~characterized in that it comprises~~ comprising, in a pharmaceutically acceptable vehicle, at least one compound as claimed in claim 1.

20-25. (cancelled)

26. (currently amended) The medicament as claimed in claim 19, ~~characterized in that~~ wherein the pharmaceutically acceptable vehicle is a vehicle for administration by injection.

27-28. (cancelled)